

Sub A3) the canopy portion being generally parallel with the central axis and perpendicular to the face portion, the deflector being configured to deliver water to the coverage area in a density of at least 0.15 gallons per minute/ft² to achieve a generally planar spray pattern of water droplets generally parallel to a major side of the canopy portion facing the central axis, the spray pattern extending [at least sixteen] up to twenty feet beyond the face portion and [at least] up to eight feet to either lateral side of the central axis when the sprinkler is positioned with the central axis ~~horizontal~~ ^{horizontal} and the major side of the canopy portion facing the central longitudinal axis being generally horizontal and above the central longitudinal axis whereby said ~~ceiling~~ sprinkler is effective in controlling ordinary hazard fires over [a] an extended coverage area of [at least sixteen feet by sixteen] more than one hundred square feet when pressurized to supply water at a rate of between 0.15 and 0.20 gallons per minute/ft² times the size of the coverage area in square feet.

Delete claims 17-19.

REMARKS

With the entry of this Preliminary Amendment, claims 1-16 are pending.

This Preliminary Amendment is to correct various inconsistencies and place the application in a better form for examination. The changes on page 1 corrects an inconsistency which would have been known to one of ordinary skill in

the art since the indicated extended coverage area (196 square feet) is a published figure. The changes to the Summary of the Invention on page 2, lines 14-15 are supported by the statement on page 1, lines 13-15, defining extended coverage for sidewall sprinklers in ordinary hazard use.

The changes at page 6 were made to eliminate unnecessary information and the question mark indications.

The changes at page 9 were made to conform the claim to the broader statement of extended coverage in the Background section of the application as filed.

The change at page 10, line 2, is to correct a typographical error which, again, would be known by one of ordinary skill in this art, as it is a specified quantity and is further supported by the reference on the same page at line 15.

The change at page 10, line 3, is to correct a spelling error.

The change at lines 13-14 is, again, made to conform the specification to the specific definition of extended coverage for sidewall sprinklers in ordinary hazard applications set forth on page 1.

Changes at page 11, lines 19 and 20 are made to make the text more readable.

The changes at page 12 are again made to conform the disclosure to the definition of extended coverage on page 1.

The changes to the various claims 1, 5-10 and 13-14 are made to seek the full scope of coverage to which applicants are entitled. Claims 17-19 are deleted, without prejudice.

For the foregoing reasons, entry of the Preliminary Amendment and examination and allowance of all pending claims is respectfully requested.

Respectfully submitted,

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(Date)

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